

August 30, 2013

Re: ET Docket No. 03-137 and ET Docket No. 13-84

Please help the unsuspecting public by lowering microwave & radiofrequency radiation.

Radiofrequency (RF) radiation exposure limits and policies in the United States are outdated.

I am electrically sensitive and use only wired, landline phone & internet communications in my home, however I cannot escape all the exposures elsewhere throughout the day. I am extremely concerned about the lack of information for the public here in the United States while elsewhere governments are taking precautionary steps to protect their citizens. The FCC RF safety limits need to be revised because they are only thermally based, not biologically based. The Bioinitiative Report of 2007 and the more recent updated 2012 Bioinitiative Report document more evidence of damage that all this involuntary & unavoidable exposure (presently allowed by the FCC) actually does to DNA and how it interferes with DNA repair. Non-industry researchers around the world have been concerned about the constant increasing and cumulative exposure of the pulsating, non-ionizing radiation and how it is affecting our bodies. It's been linked to cancers and other diseases and has been categorized by the World Health Organization as a class 2b carcinogen, just like lead, DDT and engine exhaust. More disturbing to me is that in April 2012, the American Academy of Environmental Medicine even called for a halt to wireless smart meters and urged the FCC to reconsider its radiation standards of 1996, which have not been reassessed since then! What we believe is "weak" and "safe" exposure is based on "Sam" (Standard Anthropomorphic Man), a robotic 200 lb man with an 11 lb head talking for only 6 minutes. That is far from the exposure anyone is receiving today. Many experts such as Devra Davis and Barrie Trower warn us about the real dangers to infants and children, whose skulls are thinner and their brains contain more fluid, so they will more readily absorb radiation than an adult, and they remind us that we don't give the same dosage of medicine to a child that we would give to an adult.

The FCC claims to represent the public interest. Haven't we already learned that we should be more precautionary in our decisions, rather than wait until there is enough evidence by independent, non-industry tied experts of damage? Remember when smoking, X-rays and asbestos were considered safe? Why do we believe that technology has the answer to everything? Every technology has its risks as we have learned. Please look out for us, the public.

Thank you.

Sincerely,

Anneliese Emerson

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